

BRONTMAN, LAZAR' KONSTANTINOVICH

BRONTMAN, LAZAR' KONSTANTINOVICH, and L. KHVAT.

Geroicheski perelet "Rodiny." Moskva, Gospolitizdat, 1938. 76 p.,
1 l., ports.
Title tr.: The heroic flight of "Rodina."

TL721.C67B7

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of
Congress, 1955.

Brontman, Lazar' Konstantinovich

BRONTMAN, LAZAR' KONSTANTINOVICH.

Cherez okean - v Ameriku. Moskva, Gos. voen. izd-vo, 1939. 79 p.,
illus., ports., map. (Biblioteka krasnoarmeitsa).
Title tr.: Across the ocean to America.

TL721.B76A3

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of
Congress, 1955.

BRONTHMAN, LAZAR' KONSTANTINOVICH.

BRONTHMAN, LAZAR' KONSTANTINOVICH.

Vladimir Kokkinaki. Moskva, Voenizdat, 1939. 45 p., 1 l., illus.
(Biblioteka krasnoarmeitsa)

TL540.K64B7

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of
Congress, 1955.

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BRONTS, L.

"Method of Establishing the Resistance of Trains to Wind", P. 96,
(KOZLEKEDESTUDOMANYI SZEMLE, Vol. 4, No. 3, Mar. 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12,
Dec. 1954, Uncl.

1. 1. 1.

"Issues of National Standardization of Rolling Stock", . 1/3,
(CHABARTOITAS, Vol. 5, No. 10/11, Oct./Nov. 1953, Budapest, Hungary)

30: Monthly List of East European Accessions (ITAL), LC, Vol. 4, No. 3,
March 1955, Uncl.

BRONTS, L.

Reconstruction of railroad traction engines in our long-range planning.

P. 251 (Kozlekedestudományi Szemle. Vol.5, no. 7/8 July/Aug. 1957, Budapest, Hungary)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,
February 1958

BRONTS, L.

Railroad operational safety in national standards. p. 152.

SZABVANYUKYI KOZLEME NYEK. Budapest, Hungary. Vol. 11, no. 7, July 1959.

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959
Uncl.

BRONTS, Lajos, okl. gépészmérnök

Completion of the equipment of railroad conductors' cars.
Közl tud sz 12 no.3:126-128 Mr '62.

1. Magyar Szabványügyi Hivatal nyugalmazott muszaki főelőadoja

BRONTS, Lajos, okleveles gepeszmernok

The 100-year-old Budapest-Nagykanizsa railroad line in the service of the Balaton traffic. Kozl tud sz 12 no.9:421-428 S '62.

1. Magyar Szabvanyugyi Hivatal ny.muszaki foeladoja.

BRONTS, Lajos

Economical character of the range of dimensions relating to machines. Szabvány kozl 14 no.2:42-44 8 '62.

BRONTS, Lajos

Determination of the economic benefit of standardization; a periodical article review and remark. Szabvany kozl 13 no.9:202-205 S '61.

BRONTS, Lajos

Conditions for preventing railroad traffic congestions. Vasut
13 no.1:9-10 30 Ja '63.

BRONTS, Lajos, okleveles gépészmernok, nyugalmazott muszaki foelado

Tractive power recording on railroad traction vehicles.
Kozl tud sz 13 no.9:410-414 S '63.

1. Magyar Szabvanyugyi Hivatal.

BRONTS, Lajos, okleveles gepeszmernok, nyugalmazott muszaki
foelado

Determination of power demand of the new Hungarian railroad
locomotives. Kozl tud sz 14 no. 6: 256-262 Jo '64.

1. Hungarian Bureau of Standards, Budapest.

BRONTVAYN, L.R., inzh.

Risers easily removable by electric heating in casting
of aluminum alloys in permanent molds. ~~1st~~. proizv. no. 8:
30 Ag '57.

(MIRA 10:10)

(Aluminum founding)

86708

18.4000

S/123/60/000/022/005/013
A005/A001

Translation from: Referativnyy zhurnal, Mashinostroyeniye, 1960, No. 22, p. 195,
122179

AUTHOR: Brontvayn

TITLE: Pouring Systems for Aluminum Casting

PERIODICAL: V sb.: Peredovoye v tekhnol. liteyn. proiz-va. Khar'kov, 1958,
pp. 188-198

TEXT: If ingots are produced of aluminum alloys, more than 50% of refuse is a consequence of an incorrect process of filling the mold. If filling up sand molds of ingots with the height-thickness-ratio of the walls less than 60, the lower filling suits mostly, and for ingots having the height-thickness-ratio of the walls more than 60, the vertical slitlike feeder suits. The tendency is observed to replace the round risers by narrow rectangular ones. The use of tapering pouring systems is inexpedient because of the spout effect. Feeders expanding towards the ingot are recommended, which are particularly effective for producing big ingots in sand molds. If filling aluminum alloys into chill molds, the filling

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S/123/60/000/022/005/013
A005/A001

Pouring Systems for Aluminum Casting

speed must be greater by 30% in comparison with the filling into sand molds. For decelerating the metal inflow into the chill mold, pressed filtering gratings of light sheet iron are used of 0.6-0.9 mm thickness with openings of 1-3 mm diameter. The filtering gratings are installed, in case of upper filling, under the deadhead rest. The paints used for painting the filtering gratings have the composition (in g): zinc oxide 200, talcum 10-20, water glass 15-20, water 1000. The durability of the filtering gratings amounts to more than 100 castings. For bottom filling up of especially important ingots, the diameter of the filtering grating openings does not exceed 1.5 mm, and their number per 1 cm² is equal to 4. The refuse of ingots filled into chill molds through filtering gratings does not exceed 0.8%. At bottom filling, especially into metallic molds, the course of solidification of the ingots is disturbed, in consequence of which the deadheads are enlarged and the proper output decreases down to 45-50%. At little ingots, electric heating is used for diminishing the deadhead sizes, which makes it possible to increase the proper output up to 90%. For the electric heating, a special base is used, on which a nichrome strip of 10 x 1 mm cross section is coiled; the interior part of the electric heater (forming the deadhead) is daubed with fireproof clay, and the ex-

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Pouring Systems for Aluminum Casting

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A005/A001

terior part is covered with a heat insulation; the power of the heater, power supplied from a step-down transformer of 3.5 kw, does not exceed 1 kw for ingots of the weight of up to 1 kg.

M.Ya.I.

Translator's note: This is the full translation of the original Russian abstract.

Card 3/3

^A
BRONTVEYN, L.R.; KRYLOV, V.I.

~~Manufacturing~~ cast tools. Stan.1 instr. 29 no.11:39-41 N '58.
(Molding (Founding)) (MIRA 11:11)

18(5,7)

AUTHOR:

Brontvayn L.R., Engineer

SOV/128-59-9-17/25

TITLE:

Producing Components with Internal and External Thread by Precision Method of Casting

PERIODICAL:

Liteynoye proizvodstvo, 1959, Nr 9, p 43 (USSR)

ABSTRACT:

Experience has shown that the manufacturing of precise castings, instead of those where internal and external thread must be subsequently cut, entails a number of advantages. It diminishes the volume of machining required, provides an economy of metal, and cuts down the wear and tear of cutting tools. The use of precision castings enables obtaining of components with wide thread that do not need any subsequent machining; in case of metric or inch-thread, it will be only required to calibrate them in the casting. For cutting inner thread, adequately threaded cores are prepared; they are removed from the model before its extraction from the mould. In Figure 1, a double mould for casting of nozzle body covers is given; formerly, this part was manufactured by machining of hexagonal section iron. Precision method of casting permits manufacturing of parts with $3/8"$

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Producing Components with Internal and External Thread by Precision Method of Casting

S07/128-59-9-17/25

inch-thread, metric thread 36 x 1.5; 22 x 1.5; 12 x 1.75; 18 x 1.75; 8 x 1.25, as well as band-thread. Components with wide and narrow thread can be manufactured independently from their type and the metal used. There are 1 table, 1 diagram and 1 photograph.

Card 2/2

KRYLOV, Vladimir Iosifovich; ~~BRONTVAYN~~, Leon Robertovich; ANPILOGOV,
R.I., inzh., retsenzent; TARASOVICH, Y.S., inzh., red.; FURER,
P.Ya., red.; GORNOSTAYPOL'SKAYA, M.S., tekhn.red.

[Guide to melting with high-frequency currents] Pamiatka plavil'-
shchika-vysokochastotnika. Moskva, Gos.nauchno-tekhn.isd-vo
mashinostroit.lit-ry, 1960. 112 p. (MIRA 14:4)
(Precision casting) (Induction heating)

S/129/62/000/005/008/011
E073/E535

11500
AUTHOR:

Brontvayn, L.R., Engineer

TITLE:

Combination of heat treatment with casting in chill
moulds during the manufacture of components from the
alloys АЛ9 (AL9) and АЛ9В (AL9V)

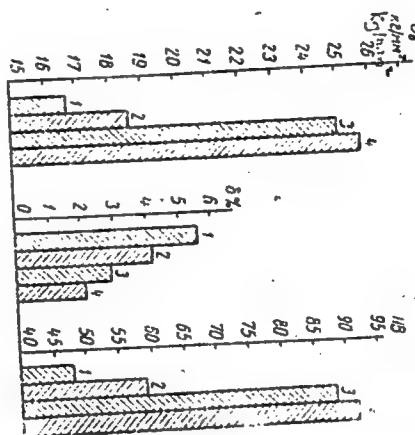
PERIODICAL: Metallovedeniye i termicheskaya obrabotka metallov,
no.5, 1962, 42-43

TEXT: It was found that water quenching of small components
directly after removal from the chill mould, followed by ageing
permits obtaining stable mechanical properties, particularly since
the temperature of the castings at the time of removal from the
chill mould does not change from component to component throughout
the entire working shift. Obviously the combination of chill mould
stripping with water quenching results in an increased productivity,
reduced electricity consumption and lower costs. Fig.4 shows a
comparison of the mechanical properties for chill mould cast components,
made of the alloy AL9V, as a function of the type of heat treatment.
In this plot the columns denote the following: 1 - as cast, without
heat treatment; 2 - water quenched directly after stripping from
Card 1/2

Combination of heat treatment ... S/129/62/000/005/008/011
E073/E535

the chill mould but without ageing; 3 - previously used technology - heating at 530°C for 12 hours, quenching and ageing at 175°C for 3 hours, 4 - new technology - quenching directly after stripping and ageing for 3 hours at 175°C. There are 4 figures.

Fig. 4



Card 2/2

BRONTVAYN, L.R.

Chill mold for casting standard samples. Lit. proizv. no. 6:43
Je '62.

(MIRA 15:6)

(Founding)

S/128/63/000/004/004/004
A054/A126

AUTHORS: Brontvayn, L.R., Kardash, A.A.

TITLE: A new composition for investment patterns

PERIODICAL: Liteynoye proizvodstvo, no. 4, 1963, 39

TEXT: The new stearine-free composition contains (by weight) 15 - 20% ozokerite, 25% lignite wax and 50 - 60% paraffin which are thermostat-melted in the above sequence and kept at 96 - 98°C for 2 - 3 h. Water is not allowed to enter the mix, the temperature of which must not be raised above 100°C. Reclaimed material can be used up to 80%. The patterns can be made by any method. If they are produced manually, the temperature of the pasty pattern mix should be 53 - 56°C, if made with a spraying machine 46 - 48°C. The bending strength of the new composition is 32 kg/cm² (that of the stearine-containing mix 9.7). The stearine-free mixture does not enter into reaction with the ethyl silicate of the coating substance, whereas the conventional mix is soluble in it (in half an hour 3.52% by weight is dissolved in ethyl silicate). The shorter drying period of the new composition raised the output by 15 - 20%. It displays a satis-

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A new composition for investment patterns

S/128/63/000/004/004/004
A054/A126

factory liquidity, the pattern has a shiny surface, a clear contour and it retains its shape. The saving amounts to 3,420 rubles for 90 ton steel castings. There is 1 table.

Card 2/2

BRONTVAYN, L.R.; KARDASH, A.A.

Stearin-free modeling compound for precision investment molding.
Biul.tekh.-ekon.inform.Gos.nauch.-issl.inst.nauch.i tekhn.inform.
16 no.5:13-14'63. (MIRA 16:7)
(Precision casting-- Equipment and supplies)

BRONTVAYN, L.R.; KARDASH, A.A.

Casting cutting-tool holders in quick-hardening molds. Stan. 1
instru. 36 no.1:38-39 Ja '65. (MIRA 18:4)

NIKITIN, Mikhail Nikitich; ALKSHIN, Petr Antonovich; BRONYAKIN, Viktor Petrovich; ISTOMINA, Tat'yana Ivanovna; GREKOV, Andrey Ivanovich; LIOZNOV, A.G., redaktor; FRANTSUZOV, I.K., retsenzent; NEKRASOVA, O.I., tekhnicheskii redaktor

[Construction, assembly and adjustment of automatic looms ATS-9M and AT-175Sh] Ustroistvo, montazh i naladka avtomaticheskikh tkatskikh stankov ATS-9M i AT-175Sh. Izd. 2-oe, perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva tekstil'noi promysh. SSSR, 1955. 211 p. (MIRA 9:3)

(Looms)

CA

112

BIOCHEMICAL CHARACTERIZATION OF ANTIBIOTICS OF HIGHER PLANTS. I. Inhibition of some oxidation processes, which are catalyzed by heavy metals, by phytoncides of onion and garlic. S. I. Vinokurov, L. M. Bronz, and S. E. Korsak. *Byull. Eksp. Biol. Med.* 23, 200-202 (1947).—The effect of active substances of onion and garlic on peroxidase of blood was studied by Slesakov's chromometric method (*C.A.* 40, 1901¹). The speed of decolorization of indigo carmine was used as the criterion of the activity of peroxidase. In the presence of aq. ext. or paste of onion or garlic the activity of blood peroxidase (of man) was reduced. In the case of garlic less ext. was necessary to cause considerable reduction in peroxidase activity. Intensification of vital processes in the beginning of addn. could not be explained. Reduction of the activity in the later stages may be partly due to the presence of traces of metal in the enzymes. The study of the effect of active substances on the oxidation of ascorbic acid was used as an example of fermentation catalysis by ions of heavy metal, e.g. Cu in dist. H₂O. Addn. of aq. ext. from garlic to amylase and pepsin free from heavy metals did not decrease the activity of these enzymes, while the activity of peroxidase decreased 70%. W. R. Eichler

ASB-5LA METALLURGICAL LITERATURE CLASSIFICATION

BRONZ, L.M.

Changes in the protein fractions of the blood serum in epidemic
hepatitis in children. *Pediatrics* 38 no.1:49-52 '60.
(MIRA 13:10)

(HEPATITIS, INFECTIOUS) (BLOOD PROTEINS)

BRONZ, L.M.

Changes in the protein fractions in blood serum of children with epidemic hepatitis. *Pediatrics* 38 no.4:49-52 Apr '60. (MIRA 16:7)

1. Iz kafedry pediatrii lechebnogo fakul'teta (zav.-prof. R.Yu. Kol'ner) Kiyevskogo meditsinskogo instituta (dir.-dotsent I.P. Alekseyenko) na baze 2-y gorodskoy infektsionnoy bol'nitsy Kiyeva (glavnyy vrach A.A.Rudik).

(BLOOD PROTEINS)

(HEPATITIS, INFECTIOUS)

STULIY, L.A.; SAFRONOVA, O.N.; BUTS'KA, L.K., kand. med. nauk; KRIVOBOKOV, S.A. [Kryvobokov]; VOLOSHINOV, B.M. [Voloshynov, B.M.], dotsent BICHKOVSKIY, V.N. [Byshkovs'kyi, V.N.] dotsent; POKOTILOVA, V.Yu. [Pokotylova, V. Yu.]; KOLESNIKOV, G.F. [Kolesnykov, H.F.]; ZLATKIS, L.S.; SAVOST'YANOVA, S.I.; BRIN, D.D. [Bryn, D.D.]; MATVEYENKO, Ye.A. [Matviienko, IE.A.]; BRONZ, L.M.; YEPSHTEYN, L.G. [Epshtein, L.H.], kand. med. nauk; SHAKHNOVICH, L.A. [Shakhnovych, L.A.]

Annotations and authors' abstracts. Pediat. akush. ginek. no.3:
31-34 '63 (MIRA 17:1)

1. Khar'kovskiy nauchno-issledovatel'skiy institut okhrany materinstva i detstva (for Stuliy).
2. Kafedra detskikh bolezney Odesskogo meditsinskogo instituta (for Safronova).
3. Ukrainskiy institut okhrany materinstva i detstva (for Buts'ka).
4. Detskiy sanatoriy dlya rekonvalescentov ot tuberkuleznogo meningita, Kiyev, Pushcha-Voditsa (for Krivobokov).
5. Detskaya klinika Ivano-Frankovskogo meditsinskogo instituta (for Voloshinov).
6. Kafedra detskikh infektsionnykh bolezney Krymskogo meditsinskogo instituta (for Bichkovskiy, Pokotilova).
7. Institut infektsionnykh bolezney Kiyev (for Kolesnikov).
8. Khar'kovskiy oblastnoy detskiy dom No.1 (for Zlatkis, Savost'yanova, Brin, Matveyenko).
9. Kafedra pediatrii Kiyevskogo med. instituta (for Bronz).
10. Kafedra fakul'tetskoy pediatrii Gor'kovskogo med. instituta (for Yepshteyn).
11. 2-ya detskaya bol'nitsa Shevchenkovskogo rayona g. Kiyeva (for Shakhnovich).

BRONZMAN, M.K.

Improved production line for assembling V-belts in the Sverdlovsk Rubber Goods Factory. Kauch. i rez. 20 no.10:52-53 0 '61.

(MIRA 14:12)

1. Sverdlovskiy zavod rezinovykh tekhnicheskikh izdeliy.
(Sverdlovsk--Rubber industry--Equipment and supplies)
(Belts and belting)

BRONZMAN, M.K.

Modernization of jaw hydraulic presses at the Sverdlovsk
Technical Rubber Plant. Kauch.i rez. 21 no.2:41-42 F '62.

(MIRA 15:2)

1. Sverdlovskiy zavod rezino-tekhnicheskikh izdeliy.
(Sverdlovsk---Rubber goods)

BRONZOV, A. S.

11(0)

PHASE I BOOK EXPLOITATION

SOV/1723

Bronzov, Anatoliy Samsonovich, and Aleksandr Petrovich Smirnov

Bureniye naklonnykh skvazhin (Directional Drilling) Moscow,
Gostoptekhizdat, 1958. 169 p. 2,000 copies printed.

Executive Ed.: Ye. A. Shakhmayeva; Tech. Ed: I.G. Fedotova

PURPOSE: This book is intended for oil and gaswell drillers

COVERAGE: The author discusses the development of directional drilling in the Soviet Union and abroad and describes the latest technology and techniques employed in this type of drilling. He also gives detailed information on the drilling tools and instruments and on the application of turbine and rotary methods. The book is intended to acquaint Soviet drillers with the latest developments in directional drilling which will be greatly extended in the near future. The bibliography contains 62 references, of which 24 are Soviet, 36 English, 1 German, and 1 French.

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AVAILABLE: Library of Congress (TN871.2.B7)

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BRONZOV, Anatoliy Samsonovich; VASIL'YEV, Yuriy Sergeyevich; SHETLER, Georgiy Arvidovich; FILATOV, B.S., red.; PETROVA, Ye.A., vedushchiy red.; MUKHINA, E.A., tekhn.red.

[Turbodrilling slant holes] Turbinnoe burenie naklonnykh skvazhin. Moskva, Gos.nauchno-tekhn.isd-vo nef. i gorno-toplivnoi lit-ry, 1960. 144 p. (MIRA 13:7)

(Boring)

VASIL'YEV, Yu.S.; BRONZOV, A.S.

Deflecting tools for drilling inclined wells. Neft. khoz. 39
no.11:14-17 N '61. (MIRA 14:12)
(Oil well drilling--Equipment and supplies)

VOLKOV, Aleksandr Spiridonovich; KALININ, Anatoliy Georgiyevich;
BRONZOV, Anatoliy Samsonovich. Prinimal uchastiye GRIGOR'YEV,
Yu.L., inzh.; ISAYEVA, V.V., ved. red.; POLOSINA, A.S., tekhn.
red.

[Drilling pipes and their joints; a manual] Buril'nye truby i ikh
soedineniia; spravochnoe rukovodstvo. Moskva, Gostoptekhizdat,
1962. 125 p. (MIRA 15:7)

(Boring machinery)

BRONZOV, Anatoliy Samsonovich; TOMASHPOL'SKIY, L.M., red.; DUBROVINA,
N.D., ved. red.; YAKOVLEVA, Z.I., tekhn. red.

[Multiple drilling in oil and gas fields] Kustovoe stroitel'-
stvo skvazhin na neftianyykh i gazovykh promyslakh. Moskva,
Gostoptekhhizdat, 1962. 327 p. (MIRA 16:4)
(Oil well drilling)

BRONZOV, Anatoliy Samsonovich; TOMASHPOL'SKIY, L.M., red.; DUBROVINA,
N.D., ved. red.; YAKOVLEVA, Z.I., tekhn. red.

[Multiple drilling in oil and gas fields] Kustovoe stroitel'-
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Gostoptekhizdat, 1962. 327 p. (MIRA 16:4)
(Oil well drilling)

VASIL'YEV, Yuriy Sergeyevich; SIVOKHINA, Nataliya Borisovna;
BRONZOV, Anatoliy Samsonovich; KALININ, A.G., red.;
LATUKHINA, Ye.I., ved. red.; VORONOVA, V.V., tekhn.red.

[Tolerable declination of boreholes from the design] Dopu-
stimye otkloneniia stvolov skvazhin ot proekta. Moskva,
Gostoptekhnizdat, 1963. 152 p. (MIRA 16:10)
(Boring) (Tolerance (Engineering))

KALININ, Anatoliy Georgiyevich; VASIL'YEV, Yuriy Sergeyevich; BRONZOV, Anatoliy Samsonovich; SIVOKHINA, N.B., red.; LATUKHINA, Ye.I., ved. red.; POLOSINA, A.S., tekhn. red.

[Orienting deflecting drilling systems] Orientirovanie otkloniaushchikh sistem v skvazhinakh. Moskva, Gostoptekhizdat, 1963. 149 p. (MIRA 16:10)

(Boring)

VASIL'YEV, Yu.S.; SIVOKHINA, N.B.; BRONZOV, A.S.

Permissible deflections of well holes. Neft. khoz. 40 no.8:8-13
Ag '62. (MIRA 17:2)

BRONZOV, A.S.; DYUKOV, L.M.; KOPYLOV, Yu.M.; ONISHCHENKO, M.S.; VASIL'YEV, Yu.S.

Device for determining the angle of gradient of a well bore.

Biul. nauch.-tekhn. inform. VIMS no.2:77 '63. (MIRA 18:2)

BRONZOV, A.S.; ZOLTAN, Tot; VASIL'YEV, Yu.S.

Drilling a special slant well to eliminate accidents. Neft. khoz.
41 no.4:60-63 Ap '63. (MIRA 17:10)

VASIL'YEV, Yu.S.; BRONZOV, A.S.; SIVOKHINA, N.B.

Permissible change in the azimuth and angle of gradient in
the drilling of slant holes. Neft. khoz. 41 no. 12:6-11
D '63. (MIRA 17:6)

BRONZOV, Anatoliy Samsonovich; VASIL'YEV, Yuriy Sergeyevich;
SHETLER, Georgiy Arvidovich; GRIGOR'YEV, V.I., red.;
ISAYEVA, V.V., ved. red.

[Turbodrilling of inclined wells] Turbinnoe burenie naklon-
nykh skvazhin. 2. dop. i perer. izd. Moskva, Nedra, 1965.
247 p. (MIRA 1844)

YELMANOV, Ivan Petrovich; BRONZOV, A.S., nauchn. red.; BEREZOVSKAYA,
L.I., ved. red.

[Air drilling of geological-prospecting holes in permafrost
rocks] Burenie geologorazvedochnykh skvazhin s produvkoi
vozdukhom v mnogoletnemerzlykh porodakh. Moskva, Nedra, 1965.
119 p. (MIRA 18:4)

POPOVA, G.N., kand.med.nauk; BRONZOV, I.A. (Moskva)

Late results of rheumatic fever and the effect of chronic
tonsillitis on the course of the rheumatic process. Klin.med. 36
no.3:112-118 Mr '58. (MIRA 11:4)

1. Iz terapevticheskoy fakul'tetskoy kliniki (dir. - deystvitel'nyy
chlen AMN SSSR prof. A.I.Nesterov) II Moskovskogo meditsinskogo
instituta, Instituta terapii AMN SSSR (dir. - deystvitel'nyy
chlen AMN SSSR prof. A.L.Myasnikov) i kliniki bolezney ukha, nosa
i gorla (dir. - deystvitel'nyy chlen AMN SSSR prof. B.S.Preobrazhen-
skiy) II Moskovskogo meditsinskogo instituta.

(RHEUMATISM, compl.

chronic tonsillitis, eff. of tonsillectomy (Rus))

(TOSILLITIS, compl.

rheumatism, eff. of tonsillectomy (Rus))

POPOVA, G.M., kand. med. nauk.; BRONZOV, I.A.

Effect of tonsillectomy on the course of infectious nonspecific polyarthrititis. Vest. otorin. 21 no.2:62-66 Mr-Apr '59. (MIRA 12:4)

1. Iz fakul'tetskoy terapevticheskoy kliniki (zav. - deystvitel'nyy chlen AMN SSSR prof. A.I. Nesterov) i kliniki bolezney ukha, gorla i nosa (zav. - deystvitel'nyy chlen AMN SSSR prof. B.S. Preobrazhenskiy) II Moskovskogo meditsinskogo instituta.

(ARTHRITIS, RHEUMATOID, surg.
tonsillectomy (Rus))

(TONSILS, surg.
in rheum. arthritis (Rus))

BRONZOV, I.A.

Neural mechanisms in the pathogenesis of rheumatic fever. Vop.
revm. 1 no.3:31-40 J1-S '61. (MIRA 1624)

1. Iz klinicheskogo otdeleniya (nauchnyy rukovoditel' -
deystvitel'nyy chlen AMN SSSR prof. A.I.Nesterov) Gosudarstven-
nogo nauchno-issledovatel'skogo instituta revmatizma
Ministerstva zdravookhraneniya RSFSR,
(RHEUMATIC FEVER) (RAUWOLFIA)

82913

S/120/60/000/02/044/052
E192/E482

24.6810

AUTHOR: Bronzov, O.O.

TITLE: Simple Method of Indicating the Setting of a Counter *K*

PERIODICAL: Pribery i tekhnika eksperimenta, 1960, Nr 2,
pp 153-154 (USSR)

ABSTRACT: A decade counter based on vacuum tubes is shown in Fig 1. The system is provided with 10 neon indicators which are connected in such a manner that the indicator is ignited when a given section of a tube is conducting. In the circuit of Fig 1, only that indicator of any binary pair is ignited which is connected through the diode to the anode of the non-conducting section of the binary input stage. The diodes are necessary in the indicator circuits in order to ensure that the potential difference between the anode of an open section of a binary and the anodes of the non-conducting sections of the binaries would not result in the "reverse" ignition of the indicators in the circuits. By employing the methods shown in Fig 1, it is sufficient to observe the indication of *4*

Card 1/2

82913

S/120/60/000/02/044/052
E192/E482

Simple Method of Indicating the Setting of a Counter

a single neon in order to read the count. There
is 1 figure.

ASSOCIATION: Ural'skiy politekhnicheskiy institut
(Ural Polytechnical Institute)

SUBMITTED: February 25, 1959

Card 2/2

RYZHKOV, M.V.; BRONZOV, O.O.; STEPANOV, A. P.

Nuclear magnetometer. Prib.i tekhn. eksp. no.5:41-45 S-O '60.
(MIRA 13:11)

1. Ural'skiy politekhnicheskiy institut.
(Magnetometer)

BRONZOV, O. V.

BRONZOV, O. V. "Investigation of the sorption properties of activated charcoal obtained from the raw coal of the Verkhne-Sinyachikinsk Coal-chemical combine." Ural Forestry Engineering Inst. Sverdlovsk. 1956. (Dissertation for the Degree of Candidate in Technical Science).

So: Knizhnaya letopis', No. 15, 1956. Moscow.

BRONZOV, O.V.; KOZLOV, V.N.

Adsorptive properties of activated charcoal produced from raw
charcoal from the Verkhnaya-Sinyachikha Wood Chemicals Combine.
Sbor.rab.lab.lesokhim. no.2:5-18 '58. (MIRA 12:8)
(Carbon, Activated) (Adsorption)

BRONZOVA, G.YA.

Soil-Binding

Role of perennial grasses in the prevention of erosion. Ses i step' no. 3, 1952.

9. Monthly List of Russian Accessions, Library of Congress, July 1952 ~~1951~~, Uncl.

BRONZOVA, G. YA.

USSR/Soil Cultivation. Cultivation, Melioration, Erosion.

J-5

Abs Jour: Ref Zhur-Biologiya, No 1, 1958, 1300.

Author : Bronzova, G. Ya.

Inst : Institute of Agricultural Information.

Title : The Struggle with Soil Erosion in the United States.

Orig Pub: Sb. in-ta s.-kh. inform., 1957, No 5, 3-8.

Abstract: No abstract.

Card : 1/1

-10-

BRONZOVA, Gil'da Yakovlevna; CHERKASOVA, Valentina Aleksandrovna;
KORREYSHO, Ye.O., red.; ZUBRILINA, Z.P., tekhn.red.

[Putting eroded soils under pastures and meadows] Osvoenie
smytykh zemel' pod kormovye ugodi'ia. Moskva, Gos.izd-vo
sel'khoz.lit-ry, 1958. 188 p. (MIRA 12:9)
(Pastures and meadows) (Erosion)

ACC NR: AR6035410

SOURCE CODE: UR/0137/66/000/009/A010/A010

AUTHOR: Magnitskiy, O. N.; Bronzova, N. I.

TITLE: Role of surface phenomena when filling thin-wall castings of titanium alloys

SOURCE: Ref. zh. Metallurgiya, Abs. 9A64

REF SOURCE: Sb. Poverkhnostn. yavleniya v rasplavakh i voznikayushchikh iz nikh tverd. fazakh. Nal'chik, 1965, 613-619

TOPIC TAGS: titanium alloy, metal surface, surface property, metal casting, refractory product

ABSTRACT: The authors studied the regularities of the variation of the surface properties of titanium alloys when alloying elements Al, Sn, Nb, and Zr are introduced and when the alloys are in contact with various refractory materials. To study the wetting ability and the surface tension, the falling-drop method was used: a sample placed in a vacuum chamber was molten by means of a magnetic field, and the resultant drop was allowed to fall on a substrate made of refractory material. The contact angle and the surface tension σ were determined from the contour of the solidifying drop. When alloying elements are introduced into the titanium, the value of σ increases and the wetting ability becomes worse, that is, the conditions for filling thin-wall castings become worse. From among the refractory materials used for casting titanium alloys (graphite, magnesite, electrocorundum, and zirconium), graphite has the best wetting ability and zirconium the worst. On a preheated graphite substrate,

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UDC: 669.295.5-154: 531.61

ACC NR: AR6035410

Ti spread in such a thin layer that the contact angle could not be measured. If difficulties are encountered when using graphite as a molding material, it is necessary to employ magnesite. The most effective means of overcoming the surface tension, which hinders the filling of the molds, is centrifugal casting of the metal. 4 illustrations, 2 tables. Bibliography, 7 titles. (From RZh Mash.) [Translation of abstract]

SUB CODE: 11

Card 2/2

L 60072-65

ACCESSION NR: AT5021011

HU/2502/64/042/001/0001/0006

AUTHOR: Russmann, H.-H. (Ryussmann, Kh.-Kh.) (Doctor) (Bad Godesberg-Mehlem);
Brooks, R. (Bruks, R.) (Bad Godesberg-Mehlem)

/6

B+1

TITLE: Comparative investigation on the reproducibility and sensitivity of various methods of determination employed in the spectrum analysis of solutions

SOURCE: Academia scientiarum hungaricae. Acta, chimica, v. 42, no. 1, 1964, 1-6

TOPIC TAGS: electrode, spectrograph camera, spectrum analysis/Zeiss Q-24 spectrograph camera

ABSTRACT: The disk-electrode, the vacuum-cup electrode, the dropping-electrode with carbon, and the dropping electrode method with graphite were compared as to sensitivity and reproducibility using a Zeiss Q-24 spectrograph. On the basis of the data obtained, which were presented and discussed in detail, the methods investigated ranked in the order given above. Orig. art. has: 3 tables, 5 figures

ASSOCIATION: Ringsdorff-Werke GmbH, Bad Godesberg-Mehlem (Ringsdorff Werke GmbH)

SUBMITTED: 05Feb64

ENCL: 00

SUB CODE: OP, GC

NR REF SOV: 000
Card 1/12/64

OTHER: 007

JPRS

GALL, Janos; BROOSER, Gabor

X-ray diagnosis of trachomatous changes in the lacrimal duct.
Szemészet 93 no.1:37-39 March 56.

1. A Budapesti Orvostudományi Egyetem I. sz. Szemklinikájának
(Igazgató: Radnot Magda egyetemi tanár, az orvostudományok
doktora) kósl.

(LACRIMAL APPARATUS, dis.

trachomatous disord. of lacrimal duct., x-ray diag.
(Hun))

(TRACHOMA, compl.

lacrimal duct disord., x-ray diag. (Hun))

BROOSER, Gabor

ACTH effects on intraocular pressure. Szemeszet 93 no.2:
75-79 June 56.

1. A Budapesti Orvostudományi Egyetem I. sz. Szemklinikájának
(Igazgató: Radnot, Magda egyet. tanár, az orvostudományok doktora)
közleménye.

(EYE, physiol.

tension, eff. of ACTH in rabbits (Hun))

(ACTH, eff.

on ocular tension in rabbits (Hun))

REDOOSER, Gabor; ZSUZSA, Gal

Clinical experiences with fusional perimetry. Szemeszet 98 no.2:65-81
Je '61.

1. A Budapesti Orvostovábbképző Intézet (mb. ig. Barsony Jeno az orvostud.
kandidátusa) Szemosztálya (főorvos: Weinstein Pál az orvostud. doktora)
közleménye.

(VISION TESTS)

BROS, Boleslaw, mgr inz.

Displacement stability of free-standing anchor walls. Inz i bud
20 no.6:208-211 Je '63.

1. Wyzsza Szkola Rolnicza, Wroclaw.

BRCS, Jan, dr inz.

Abrasiveness testing of phenol plastics reinforced with fiber glass. Przegl mech 22 no.11:352 10 Je '63.

BROS, Jan

Skin effect and the effect of external and internal layers
on the mechanical properties of phenol laminates. Polimery
tworz wielk 9 no.11:463-468 N '64.

1. Technical University, Krakow.

BROS, Jan, dr inz.; HEBDA, Michal, dr inz.

Problems of research centers of friction and wear of the
Institute of Basic Technical Problems, Polish Academy of
Sciences, during the years 1957-1964. Przegl mech 23 no.23:
688-689 10 D '64.

1. Technical University, Krakow (for Bros). 2. Military
Engineering School, Warsaw (for Hebda).

BURIN, N.; BROSALIN, A., starshiy

Sectional reinforced concrete construction of ship-raising slips.
Rech. ~~tramp~~ 21 no. 4:37-38 Ap '62. (MIRA 15:4)

1. Glavnyy inzh. UNR-379 "Baltspetsgidrostroya" (for Brosalin).
2. Starshiy proizvoditel' rabot UNR-379 "Baltspetsgidrostroya" (for Brosalin).
(Precast concrete construction) (Hydraulic structures)

BROSALIN, B.T., kandidat tekhnicheskikh nauk.

Investigation of the rigidity of boring-machine units.
[Trudy] MVTU no.44:142-173 '55. (MIRA 9:6)
(Drilling and boring machinery)

SOV/124 57 7-8424

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 7, p 146 (USSR)

AUTHOR: Brosalin, B. T.

TITLE: Determining the Stiffness of End-constrained Cantilever-type Boring Bars (Opredeleniye zhestkosti rastochnykh skalok pri konsol'nom zakreplenii)

PERIODICAL: V sb.: Vopr. konstruirovaniya i izgotovleniya mashin. Barnaul, 1956, pp 93-100

ABSTRACT: Bibliographic entry

Card 1/1

BROSALINA, P. (Voronezh)

Life prompts. Prom. koop. 12 no.6:6-7 Je '58.

(MIRA 11:6)

1. Zamestitel' predsedatelya pravleniya arteli im. 22-y godovshchiny
Oktyabrya.

(Voronezh--Sewing)

BROSCH, Emil, MUDr.

Role of bronchoscopy in the treatment of postoperative complications following thoracic and abdominal surgery.
Česk. otolar. 5 no.2:106-110 Apr 56.

1. Z Kliniky nemoci usnich. nosnich a krcnich lekarske fakulty
MU v Brne, prednosta prof. MUDr. F. Ninger.

(THORAX, surgery,

postop. compl., ther., bronchoscopic methods (Cz))

(ABDOMEN, surgery,

postop. compl., ther., bronchoscopic methods (Cz))

(BRONCHOSCOPY, in various diseases,

postop. compl. in abdom. & thoracic surg., ther. use.
(Cz))

BROSCH, Emil, MUDr.

Significance of audiometry in diagnosis of certain
otoneurological diseases. Cesk. otolar. 5 no. 4:238-245 Aug 56.

1. Z kliniky nemoci usnich, nosnich a krcnich lek. fakulty MU
v Brne, prednosta prof. MUDr. Fr. Ninger.
(HEARING TESTS, in various diseases,
cerebellopontile angle dis. (Cz))
(CEREBELLOPONTILE ANGLE, diseases,
audiometry in (Cz))

COUNTRY : CZECHOSLOVAKIA
 CATEGORY : General Problems of Pathology. Tumors. Comparative
 Oncology
 ASS. JOUR. : RZBiol., No. 12 1958, No. 36473
 AUTHOR : Spriudrich, J., Broach, E.
 INST. :
 TITLE : Cancer of the Tongue

ORIG. PUB. : Ceskosl. Otolaryngol., 1957, Vol.6, No.2, 94-97

ABSTRACT : Observations were made of 187 patients with cancer
 of the tongue. In 4/4, the tumor was situated in
 the area of the posterior portion of the tongue,
 in 117 in the anterior portion, and in 24 the
 tumor occupied the greater part of the tongue.
 2 patients were under 30 years of age, 5 were from
 31-40, 22 from 41-50, 46 from 51-60, 59 from 61-
 70, 45 from 71-80, and 5 over 80 years of age. The
 basic method of treatment was radiation therapy;
 the surgical method was secondary. There was a
 predominance of the ulcerative forms of cancer;
 in the majority of patients there were metastases
 to the lymph nodes. Of the 187 patients subjected
 1/2

COUNTRY :
 CATEGORY :

ASS. JOUR. : RZBiol., No. 1958, No.

AUTHOR :
 INST. :
 TITLE :

ORIG. PUB. :

ABSTRACT : phytoicide therapy in the form of garlic applica-
 tions. As the result of this treatment, 156
 (65.5 %) of the patients were cured with a single
 application of garlic paste, 14 (7.7%) with two
 applications, and the other 14 (7.8%) showed no
 effect and required X-ray therapy, with good re-
 sults. -- 7c.1.

~~SECRET~~ MDr.: 001. M, S. MDr.

indications of bronchospasm in a strided respiration; (Ct.)
- a percentage value. (Ct.) other. (Ct.) 4:224-227 (Ct.)

1. (Ct.) the normal bronch, normal a bronch lob. (Ct.) (Ct.)
normal. MDr. F. Singer.

(Ct.) (Ct.)

controlled. value of bronchospasm (Ct.)
(Ct.)

also. other. value in controlled res. (Ct.)

BROSCH, Emil (Pekarska 53, Brno)

Acute myelitis with intracranial complication in chronic otitis. Cesk.
otolar 8 no.1:25-28 Feb 59.

1. Klinika nemoci usnich, nosnich a krcnich lekarske fakulty MU v Brne,
prednosta prof. dr. F. Ninger.

(OTITIS, compl.

encephalomyelitis caused by micrococcal otitis (Cz))
(MICROCOCCAL INFECTIONS, compl.

same)

(ENCEPHALOMYELITIS, etiol. & pathogen.
micrococcal otitis (Cz))

HLADKY, R.; BROSCHE, E.

X-ray study of the petrous bone in otosclerosis and conduction deafness of inflammatory origin. Cesk. rentg. 13 no.3:137-144 June 59.

1. Klinika nemocí ušních, nosních a klenich MU v Brně, přednosta prof. dr. F. Ninger Ustřední rentgenologický ústav Kraj. klin. nemocnice v Brně, přednosta prim. dr J. Smid. Venovano k padesátinám prim MUDr. J. Smida. R.H., ORL klinika KUNZ, Brno, Pekarska c. 53.

(OTOSCLEROSIS, diag.

x-ray studies of petrous bone (Cz))

(HEARING DISORDERS, diag.

x-ray studies of petrous bone in conduction deafness (Cz))

(PETROUS BONE, radiography

in otosclerosis & conduction deafness, diag. value (Cz))

BROSCH, Emil

Transposition of the ear ossicles in remedial middle ear surgery.
Cesk. otolaryng. 11 no.3:174-178 '62.

1. Klinika nemoci usnich, nosnich a krenich, lek. fak. University
J. Ev. Purkyne v Brne, prednosta prof. dr. R. Hladky.

(EAR OSSICLES surgery) (EAR MIDDLE surgery)

BROSCH, E.; OPLETAL, A.

Complications of esophagoscopy. Cesk. otolaryng. 11 no.6:371-374
D '62.
(ESOPHAGOSCOPY) (ESOPHAGEAL STENOSIS)

BROSCH, E.

Suppurative inflammation of the inner ear, abscess of the cerebellum and thrombosis of the sigmoid sinus as a complication of chronic inflammation of the middle ear. Cesk. otolaryn. 11 no.4:236-239 Ag '62.

1. Klinika nemoci usnich, nosnich a krcnich lek. fak. University
J. Ev. Purkyne v prednosta prof. dr. R. Hladky.
(LABYRINTHITIS) (CEREBELLAR DISEASES) (ABSCESS)
(CEREBRAL EMBOLISM AND THROMBOSIS) (OTITIS MEDIA)

KABELA, J.; BROSCHE, E.

Malignant tumors of the nasopharynx. Cesk. otolaryng. 12 no.3:
129-135 Je '63.

1. Onkologický ústav v Brně, přednosta doc. dr. J. Sprindrich,
Klinika nemoci usních, nosních a krčních lek. fak. UJEP v
Brně, přednosta prof. dr. R. Hladký.
(NASOPHARYNGEAL NEOPLASMS)

BROSCH, E.

Use of gelatin foam in restorative surgery of the middle ear.
Cesk. otolaryng. 12 no.4:219-222 Ag '63.

1. Klinika nemoci usnich, nosnich a krenich lekarske fakulty
UJEvP v Brne, prednosta prof. dr. R. Hladky.
(EAR, MIDDLE) (GELATIN) (HEMOSTATICS)
(SURGERY, OPERATIVE)

HOFFMANN, K.; BROSC, E.

On the possibility of roentgen diagnosis of primary cancer of the middle ear. Cesk. rentgen 17 no.2: 87-94 Mr '63.

1. Radiologicka klinika lekarske fakulty UJEvP v Brne, prednosta prof. dr. J. Holy Otolaryngologicka lekarske fakulty UJEvP v Brne, prednosta prof. dr. R. Hladky.

(EAR MIDDLE)

(NEOPLASMS)

(RADIOGRAPHY)

BROSCH, E.

Tympanoplasty using meatal lobe and tympanic membrane. *Cesk. otolaryng.* 12 no.6:382-384 D'63.

1. Klinika nemoci usnich, nosnich a krcnich lekarske fakulty UJEP v Brne; prednosta: prof. dr. R.Hladky.

*

BROSCH, Jan (Gdansk)

Testing hydrokinetic couplings. Inst masz przep PAN no.11/12:
277-284 '62.

BROSER, F., ing; UNGUREANU, O., ing.

Some technical and economic limits to the use of thin-walled pipes in methane gas conveying conduits. Petrol si gaze 13 no. 4:174-176 Ap '62.

1. Grupa de proiectare gaz metan, Brasov.

DONIS, V.K.; BROSHEL', Yu.K.

Transistor amplifier for the compensation networks of weight
measuring systems with tensiometric transducers. Nauch.
trudy KNIUI no.15:111-115 '64. (MIRA 18:8)

KARMAZIN, V.I.; KOSOY, G.M.; SHINKORENKO, S.F.; GRAZHDANTSEV, I.I.; BROSHCHEVALOV,
A.F.

An experimental unit for dressing manganese ores in heavy suspension
in a hydrocyclone. Gor. zhur. no.3:74-77 Mr '62. (MIRA 15:7)

1. Institut Mekhanobrchermet (for Karmazin, Kosoy, Shinkorenko).
2. Trest Nikopol'-Manganets (for Grazhdantsev, Broshevalov).
(Manganese ores) (Ore dressing)

MANSUROV, Nikolay Sergeyevich; FOKIN, V., red.; BROSHKINA, L.,
mladshiy red.; CHEPELEVA, O., tekhn. red.

[A critical study of present-day bourgeois psychology] Sovremennaya burzhuanaya psikhologiya; kriticheskiy ocherk. Moskva, Sotsekgiz, 1962. 284 p. (MIRA 16:1)
(PSYCHOLOGY)

BACHU, E.; STONEULESKU, P.; BROSHCHIANU, G.; RADU, G.; RUDULESKU, M.

Adamantinoma of the long bones. Khirurgia, Sofia 11 no.3:215-218
Mar 58.

1. Institut za spetsializatsia i usuvurshenstvuvane na lekartie—
Bukuresch, Rumunia. Katedra po ortopediia i travmatologiia Direktor:
akad. A. Rudulesku.

(TIBIA, neoplasma,
adamantinoma, case report (Bul))

BACHIU, K.; BROSTIANU, G.; KHATMANU, D.

~~Arteriography as a diagnostic measure in tumors of the extremities.~~
Arteriography as a diagnostic measure in tumors of the extremities.
Khirurgia, Sofia 11 no.8:704-706 1958.

(LEG, neoplasms,

diag., arteriographic method (Bul))

(ANGIOGRAPHY,

leg arteriography in tumor diag. (Bul))